

1 (Amended) A method of applying syntactic foam insulation to a length of pipe, said method
2 comprising the steps of:

3 co-extruding an inner syntactic foam insulator and an outer thermoplastic protective
4 cover around the length of pipe; and

5 solidifying said thermoplastic protective cover to retain said syntactic foam insulator in
6 a desired shape about the length of pipe.

1 4.(Amended) The method of claim 1, wherein said step of solidifying comprises the step of
2 bringing said thermoplastic protective cover in contact with water to cool said thermoplastic
3 protective cover.

1 5.(Amended) The method of claim 2, wherein said step of solidifying comprises the step of
2 passing the coated length of pipe through a liquid bath to cool said thermoplastic protective
3 cover.

1 8.(Amended) The method of claim 1, wherein said step of rapidly solidifying comprises the
2 step of air cooling said thermoplastic protective coating.

1 9.(Amended) A method of forming an insulating product, said method comprising the steps
2 of:

3 co-extruding an inner syntactic foam insulator and an outer thermoplastic protective
4 cover; and